



(19)

(11) Publication number:

09030215

Generated Document.

PATENT ABSTRACTS OF JAPAN

(21) Application number: 07187476

(51) Intl. Cl.: B60C 13/00

(22) Application date: 24.07.95

(30) Priority:

(43) Date of application
publication: 04.02.97

(84) Designated contracting
states:

(71) Applicant: YOKOHAMA RUBBER CO
LTD:THE

(72) Inventor: KISHI HARUO
KATSURA NAOYUKI
TAKAHASHI NAOKI

(74) Representative:

(54) PNEUMATIC TIRE

(57) Abstract:

PROBLEM TO BE SOLVED: To provide a pneumatic tire capable of improving tire noise performance and at the same time keeping down cost increase without incurring sharp increase in rolling resistance caused by $\tan \delta$ increase and conspicuous deterioration in abrasion resistance and cut-resistance even if a rubber vibration isolator is used.

SOLUTION: This is with regard to a pneumatic tire having its side rubber portion 3A, which is adjointly provided on the outside of a carcass 4 on the side wall portion 3 arranged between a tread portion 1 and a bead portion 2, made inclusive of a rubber vibration isolator part 3a which is arranged so as to make it cross a midpoint C in the tire diameter direction between the shoulder ground end of a tread part 1 and the tire maximum width position 'p', and a thickness G_a in the normal direction with respect to the carcass 4 of the rubber vibration isolator part 3a in the midpoint C is made with a maximum thickness, while the ratio of G_a/G_b to a thickness G_b in the normal direction with respect to the carcass 4 of the side rubber portion 3A in the midpoint C is set to 0.1 to 0.5.

